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8/31/2016

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August 31, 2016

Paul B. Baker, Mining Program Manager  
State of Utah, Div. of Oil Gas and Mining  
1594 West North Temple, Suite 1210  
Salt Lake City, Utah 84114

RE: NOI Modification for M/049/0011 Geneva Rock Products, Inc. – Pelican Point

Dear Mr. Baker,

Per the DOGM request dated August 11, 2016, I am providing the requested NOI modifications of pages 7 and 24 attached to an MR-REV form. Changes are highlighted in yellow. The topsoil has been measured at 26,920 cubic yards which is less than originally proposed because we have disturbed less new area than previously anticipated.

In regards to the equipment storage area you referred to in paragraph 4 and 5 of the same August 11<sup>th</sup> letter, the equipment referred to is in the bonded reclamation area and has value and is stored there for future use. You have referred to that area as undisturbed because there is some sage brush growing there but it is still part of the bonded mine plan and we see no need to move it to some other location.

Sincerely,

Brent R. Sumsion  
Property and Environmental Manager

Cc: April Abate, Engineer



## Application for Mineral Mine Plan Revision or Amendment

Operator: **Geneva Rock Products, Inc.**

Mine Name: **Pelican Point Quarry**

File Number: **M/ 049 /0011**

Provide a detailed listing of all changes to the mining and reclamation plan that will be required as a result of this change. Individually list all maps and drawings that are to be added, replaced, or removed from the plan. Include changes of the table of contents, section of the plan, pages, or other information as needed to specifically locate, identify and revise or amend the existing Mining and Reclamation Plan. **Include page, section and drawing numbers as part of the description.**

### DETAILED SCHEDULE OF CHANGES TO THE MINING AND RECLAMATION PLAN

			DESCRIPTION OF MAP, TEXT, OR MATERIALS TO BE CHANGED
<input type="checkbox"/> ADD	<input checked="" type="checkbox"/> REPLACE	<input type="checkbox"/> REMOVE	<b>Page 7, R647-4-104, Operator, Surface and Mineral Owners.</b>
<input type="checkbox"/> ADD	<input checked="" type="checkbox"/> REPLACE	<input type="checkbox"/> REMOVE	<b>Page 24, 109.3 Existing Soil and Plant Resources.</b>
<input type="checkbox"/> ADD	<input type="checkbox"/> REPLACE	<input type="checkbox"/> REMOVE	
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I hereby certify that I am a responsible official of the applicant and that the information contained in this application is true and correct to the best of my information and belief in all respects with the laws of Utah in reference to commitments and obligations, herein.

**Brent R. Sumsion**

Print Name

Sign Name, Position

Date

**Aug. 31, 2016**

### Return to:

State of Utah  
Department of Natural Resources  
Division of Oil, Gas and Mining  
1594 West North Temple, Suite 1210  
Box 145801  
Salt Lake City, Utah 84114-5801  
Phone: (801) 538-5291 Fax: (801) 359-3940

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### FOR DOGM USE ONLY:

File #: M/ /

Approved:

Bond Adjustment: from (\$)   
to \$



## R647-4-104. Operator, Surface and Mineral Owners

1. Mine Name: Pelican Point Quarry  
2. Operator: Geneva Rock Products, Inc.  
730 N. 1500 W.  
Orem, Utah 84057

Phone: 801-765-7800

Fax: 801-765-7830

Email: <http://www.genevarock.com/>

Type of Business: Corporation  
Utah Business Entity No.: 570716-0412  
Local Business License No.: 2009-74  
Issued by: Utah County

Registered Utah Agent:

Howard Watts

730 N. 1500 W.

Orem, UT 84057

Phone: 801-802-6900

Fax: 801-802-6933

Email: <http://www.hwatts@genevarock.com>

3. Permanent Address: Geneva Rock Products, Inc.  
730 N. 1500 W.  
Orem, UT 84057

Phone: 801-802-6900

Fax: 801-802-6900

Email: <http://www.genevarock.com/>

4. Contact Person for Permitting, Surety, Notices:

Brent R. Sumsion

Clyde Companies, Inc.

P.O. Box 1955

Orem, Utah 84059

Phone: 801-360-1344

Fax: 801-434-3017

Email: <http://www.bsumsion@clydeinc.com>



White Pelican is commonly found on nearby Utah Lake, but would tend to stay away from the mine area as it does not contain suitable habitat.

Because the Pelican Point Quarry has been operation since the 1920's and new disturbance will be limited to approximately seven acres per year in the adjoining current disturbance, it is likely that any hawks or pelicans using the area would be accustomed to the mine's noise and effects and would not be affected by future activities.

The site was physically inventoried for Threatened and Endangered (T&E) Species on Oct 29, 2009 by Ron Kass, Ph.D., Botanist and Professional Wetland Scientist and he determined that there were no T&E plant or animal species on the site (see letter in Appendix D).

### **109.3 Existing Soil and Plant Resources**

After 5 years of mining, approximately 26,920 CY of soil will be stored from the mining operation for reclamation as shown in **Figure 4**. A total volume of approximately 118,580 CY of soil will be available for reclamation once the mine is fully developed.

All topsoil piles will be a maximum of 10 feet high and have 1.5H:1V slopes and a flat to slightly arched top. A 1-foot high X 3-foot wide berm with interior ditch will be constructed around each topsoil stockpile area using material bucked up from the land surface where the topsoil pile is located. The ditch will catch and retain any soil that sloughs off the stockpile, and the berm will prevent contamination and erosion from storm water.

As many as five topsoil stockpiles will be constructed in the mining area over the life of the mine covering an area of about 11.3 acres. Two of the stockpiles will be located along the eastern boundary on either side of the quarry entrance. The other stockpiles will be located along the western boundary.

Substitute topsoil material may be developed to augment the topsoil resources available. This substitute material would include a mix of natural or crushed fines, small rock, and pit run material; imported manure and/or organic matter (i.e. agricultural field refuse, wood chips, bran or wheat chaff); and fertilizer to enhance fiber breakdown. This material would be stored and spread separately from actual topsoil resources.

The newly stockpiled soil will be seeded in the fall of each year it has been enlarged with a quick-growing cover of grass and legumes in order to minimize erosion. This seed mix, listed in Table 8, will be broadcast at a rate of 14.5 lbs./acre PLS (pure live seed).

#### **Table 8: Seed Mix for Topsoil Stockpiles**